

3/23/2018

Print



Dart Hawkesbury  
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada  
Tel (613) 632-5200

## Purchasing Receipts

PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Container No	Status	Receive Date	Price/Unit	Aging Days	Past Due	Tc
PO039300	ACI001-VC	2	1	Net 30	M2024T3S.160	2024-T3 .160 Sheet : MATERIAL: 2024-T3 ALUMINUM SHEET AS PER QQ-A- 250/4 OR AMS-QQ-A- 250/4 OR AMS 4037 OR ASTM B209 receive sf				48	3/19/2018	48		S054495	Stock	3/23/2018	\$ 26.19 / sf	0		\$1.2
Total:										48		48								\$97

Plex 3/23/2018 1:30 PM Dart.Dubois.Pascal



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

# **PURCHASE ORDER** **PO039300**

**Supplier:** ACI001-VC  
Acier Ouellette Inc.  
935 Boul. Du Havre  
Valleyfield  
QC  
J6S 5L1 Canada  
Phone: 800 667 4248  
Fax: 450 377 5696

**PO No:** PO039300

**PO Date:** 3/13/18

**Due Date:** 3/19/18

**Purchase Order  
Revision:**

**Revision Date:**

**Ship-To Contact:** Lavoie, Chantal  
clavoie@dartaero.com

**Via:** Ground

**Pymt Terms:** Net 30

**Freight Terms:**

**Special Comments:** QUOTE NO. SOU0091255, SOU0089404,  
SOU0090963, SOU0089881, SOU0089730

*RE-PRINT*

**Ship To:** 1270 Aberdeen Street  
Hawkesbury  
ON  
K6A 1K7 Canada  
Phone: 613-632-5200

## **Items**

Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
2	M2024T3S.160		2024-T3 .160 Sheet : MATERIAL: 2024-T3 ALUMINUM SHEET AS PER QQ-A-250/4 OR AMS-QQ-A-250/4 OR AMS 4037 OR ASTM B209 receive sf	Firmed	3/19/18	48 sf	0 sf	48 sf	\$26.190833/sf	\$1,257.16
						48			MAR 23 2018	DAS 11 9-89
3	M6061T6S4.500X12.000		6061T6 sheet 4.500 X 12.000 (Cut to 20.000") : MATERIAL: 6061- T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ- A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ- A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	3/19/18	1.67 ft	0 ft	2 ft	\$331.76047/ft	\$554.04
<b>Line Item Note</b> 1 PCS CUT AT 20" LONG										
4	MT-4140-B-1.250X6.000		AISI 4140 Steel Bar : Material: AISI 4140 STEEL BAR AS PER ASTM A29, AMS 6349, AMS 6382, AMS 6529, MIL-S-5626 MIN. ROCKWELL C = 28 RC MAX. ROCKWELL C = 32 RC	Firmed	3/28/18	10 ft	0 ft	10 ft	\$68.905/ft	\$689.05

Items										
Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
6	MT-A513-T-1.125W0.188		A513 Seamless Alloy Steel Round Tubing 1.25"dia. x 0.188" Wall	Firmed	3/19/18	20 ft	0 ft	20 ft	\$7.25/ft	\$145.00
							21'		MAR 22 2018	
7	M6061T6TS1.000W.120		6061T6 Sq Tube 1.00 X 1.00 X .120W : MATERIAL: 6061-T6 OR 6061-T651/T6510/T6511/T62 SQUARE TUBING AS PER AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR PER AMS-QQ-A-200/8 OR AMS 4160 receive ft	Forecast	3/19/18	40 ft	0 ft	40 ft	\$1.69025/ft	\$67.61
							42'		MAR 22 2018	
8	M6061T6TS1.250W.120		6061T6 Sq Tube 1.250 X 1.250 X .120W : MATERIAL: 6061-T6 OR 6061-T651/T6510/T6511/T62 SQUARE TUBING AS PER AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR PER AMS-QQ-A-200/8 OR AMS 4160 receive ft	Forecast	3/19/18	40 ft	0 ft	40 ft	\$1.86125/ft	\$74.45
							42'		MAR 22 2018	
9	MT-4140-S-1.000X10.000		AISI 4140 Steel Sheet/Plate AISI 4140/4142 STEEL SHEET OR PLATE AS PER ASTM A829/ AMS 6395	Firmed	3/28/18	6 ft	0 ft	6 ft	\$94.95333/ft	\$569.72
11	Mt-4140-S-1.500X3.000		4140 Steel Bar 1.500 X 3.000 : AISI 4140N STEEL SHEET OR PLATE AS PER ASTM A829 OR AMS 6395 MIN: ROCKWELL C = 28 RC MAX: ROCKWELL C = 32 RC receive ft	Firmed	3/28/18	6 ft	0 ft	6 ft	\$87.50/ft	\$525.00
Grand Total:										\$3,882.03

## Order Notes

## Procurement Quality Clauses

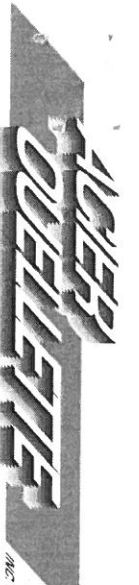
A005 right of entry  
A012 chemical and physical test report  
A016 personnel qualification  
A017 raw material identification (as applicable)  
A026 certification of material conformance  
A041 quality management system  
A042 dart notification by supplier  
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

Plex 3/22/18 7:20 AM dart.lavoie.chantal



# DELIVERY - CLIENT

ACIER OUELLETTE INC.

Copy

CO00078596

935, Boul. du Havre  
Salaberry de Valleyfield (Québec) J6S 5L1  
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248  
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Customer N° CL10001056  
Date 2018/03/14  
Delivery date 2018/03/23  
Your order N° 039300  
Processed by Josianne Bourdon  
Salesman  
Carrier OUELLETTE VALLEYFIELD  
Credit Terme Net 30 Days

## Billed to

DART AEROSPACE LTD  
1270, ABERDEEN ST.  
HAWKESBURY, Ontario, K6A 1K7

## Shipped to

, Ontario,

Instruction F-M

Att : CHANTAL LAVOIE Tél.: 613-632-5200  
Delivery Route 5

Page 1

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only				
				CMD	EXP	B/O	IN	I	S	C	OUT
1 ALU SHEET .160 2024-T3 NS ALCLAD FEAL-1602024 9442  1 X 4' X 12' (PVC 1 SIDE) HEAT: 77269348 AC14382-SA-21/03	107.09	48.00	PI2_\$CLB		10 4'x12'		418				MAR 23 2018 DAS 11 9-89
2 ALU PLATE 4 1/2 6061-T651 RANDOM PAL-4126061-V 7485  1 X 12" X 20" HEAT AC14385-TH-21/03	107.58	1.67	PI2_\$CLB			X					

Total Weight (lbs) : 214.67

NIR : R-109516-6

**Conditions :**  
All sold and delivered materials remain the property of "Acier Ouellette Inc" until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by "Acier Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acier Ouellette Inc." to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% restocking charge.

Prepared By :	Verified By :	Delivered By :	Time	Y	M	D

Customer's Signature

Date

Total (\$CAD)

CO. 78596

DART

PO. 14382

**KAISER  
ALUMINUM**

Trentwood Works - Spokane, WA 99215

Phone: (800) 367-2586

**CERTIFIED TEST REPORT**

Serial Number

4365442

CUSTOMER PO NUMBER: C70030		WORK PACKAGE:		CUSTOMER PART NUMBER:		SHIP RUN/LOAD: 103134/14		GOV'T CONTRACT NUMBER:	
KAISER ORDER NO: 1191596	LINE ITEM: 1	SHIP DATE: 23-FEB-2015	ALLOY: 2024	CLAD: ALCLAD	TEMPER: T3	PRODUCT DESCRIPTION: Kaiser Stretched			
WEIGHT SHIPPED: 2002 LB	QUANTITY: 18 PCS EST.	TRUCK B/L #: 2052494		GAUGE: 0.1600 IN (4.0640 MM)		DIAMETER/WIDTH: 48.000 IN (1219.2 MM)		LENGTH: 144.000 IN (3657.6 MM)	

MHU 1866084: LOT 772693A8: 18 pieces; 1665170

**Certified Specifications**AMS4462  
CMMP 019/RevDAMS-QQ-A-250/5/RevB  
CMMP 025/RevU

ASTM B 209/Rev14

Test Code: 1505

**Test Results**

Lot: 772693A8 Cast 729

Drop 50

Ingot 4

Parent Lot: 118006B6 Melted in USA

(ASTM E8/B557)  
(EN 2002-1)

Tensile:	Temper	Dir / # Tests	Ultimate KSI (MPA)	Yield KSI (MPA)	Elongation %
	T3	LT / 2 (Min:Max)	65.3 : 65.6 (450 : 452)	44.3 : 44.7 (305 : 308)	20.4 : 20.4

(ASTM E1251)

Chemistry:	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
Actual(wt%)	0.08	0.20	4.3	0.53	1.3	0.01	0.11	0.02	0.01	0.00	TOT 0.03

**ALLOY LIMITS**

	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER	MAX
2024												
MIN(wt%)	0.00	0.00	3.8	0.30	1.2	0.00	0.00	0.00	0.00	0.00	EACH	0.05
MAX(wt%)	0.50	0.50	4.9	0.9	1.8	0.10	0.25	0.15	0.05	0.05	TOT	0.15
Liner Alloy:	1230											
MIN(wt%)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	EACH	0.03
MAX(wt%)	0.25	0.30	0.10	0.05	0.05	0.03	0.05	0.03	0.03	0.03	TOT	0.00

Aluminum Remainder



Trentwood Works - Spokane, WA 99215  
Phone: (800) 367-2586

## CERTIFIED TEST REPORT

Serial Number  
4365442

### CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC (Kaiser), is ISO-9001:2008/AS9100C certified and hereby certifies that all material shipped under this order:

- \* has been inspected, tested, and found to be in conformance with the requirements of the specifications indicated herein. For material thicknesses outside specification limits, mechanical properties are as shown herein and chemical composition meets specification requirements.
- \* was melted in the United States of America or a qualifying country per DFARS 225.872-1(a), was manufactured in the United States of America, and meets the requirements of DFARS 252.225 for domestic content.
- \* has been thermally processed in compliance with AMS 2772, where applicable.
- \* is mercury free, within the limits of detection of ASTM E1251 (< = 1ppm).
- \* is in compliance with RoHS 2, European Union Directive 2011/65/EU.
- \* is in compliance with and regularly monitors any updates to the European Chemical Agency, ECHA, REACH regulations, (EC) n°1907/2006.
- \* is free of Conflict Minerals, as defined in Section 15.2 of the Dodd-Frank Act.

Any warranty is limited to that shown on Kaiser Aluminum's standard general terms and conditions of sale. Test reports are on file, subject to examination. Test reports shall not be reproduced except in full, without the written approval of the Kaiser Aluminum laboratory. The recording of false, fictitious or fraudulent statements or entries on the certificate may be punished as a felony under federal law.

JAMES HEMENWAY, LABORATORIES SUPERVISOR

# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M2024735.160  
 DATE: MAR 23 2018

PO / BATCH NO.: 039300/50544195

MATERIAL CERT REC'D: yes  
 QUANTITY RECEIVED: 48 p12  
 QUANTITY INSPECTED: 48 p12  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .160  
 THICKNESS RECEIVED: .160  
 SHEET SIZE ORDERED: 4x12  
 SHEET SIZE RECEIVED: 4x12

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	(N)	
CORRECT FINISH	(Y)	N	
CORROSION	Y	(N)	
CORRECT GRAIN DIRECTION	(Y)	N	
CORRECT MATERIAL PER M-DRAWING	(Y)	N	QQ-A-230
CORRECT THICKNESS	(Y)	N	
PHOTO REQUIRED	Y	(N)	
CORRECT REF # TO LINK CERT	(Y)	N	Heat # 772693A8
CORRECT MATERIAL IDENTIFICATION	(Y)	N	
CORRECT M# ON THE MATERIAL	(Y)	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	(N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	(N)	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

*testers located in the Quality Office*

<b>QC 18 INSPECTION</b>	<b>ENGINEERING SIGNOFF (if required)</b>
INSPECTED BY: <u>DAC 71</u> DATE: <u>9-89 MAR 23 2018</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

**SPECIFICATION CONTROL DRAWING**

PURCHASE MATERIAL: 2024-T3 ALUMINUM SHEET  
SPECIFICATION: ~~QQ-A-250/4~~ OR AMS-QQ-A-250/4  
OR ~~M2024T3S~~ OR ASTM B209  
PART NUMBER: M2024T3S | XXX | THK  
WHERE "XXX" = SHEET THICKNESS (IN INCHES)  
EG. 0.063" THICK SHEET = M2024T3S.063  
PREFERRED SIZE: .XXX BY 4FT BY 10FT

RELEASED  
R 2009-03-23  
MD

B	REFORMAT DWG. ADD ASTM B209 SPEC (ZN DB-1), PAR 09-020A	CP	09.07.07
A	NEW ISSUE	DS	01.09.24
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	09.07.07		

DART AEROSPACE LTD	REV. B
HAWKESBURY, ONTARIO, CANADA	SHEET 1 OF 1
DRAWING NO. M2024T3S	SCALE
TITLE	2024-T3 SHEET SPEC
NTS	

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